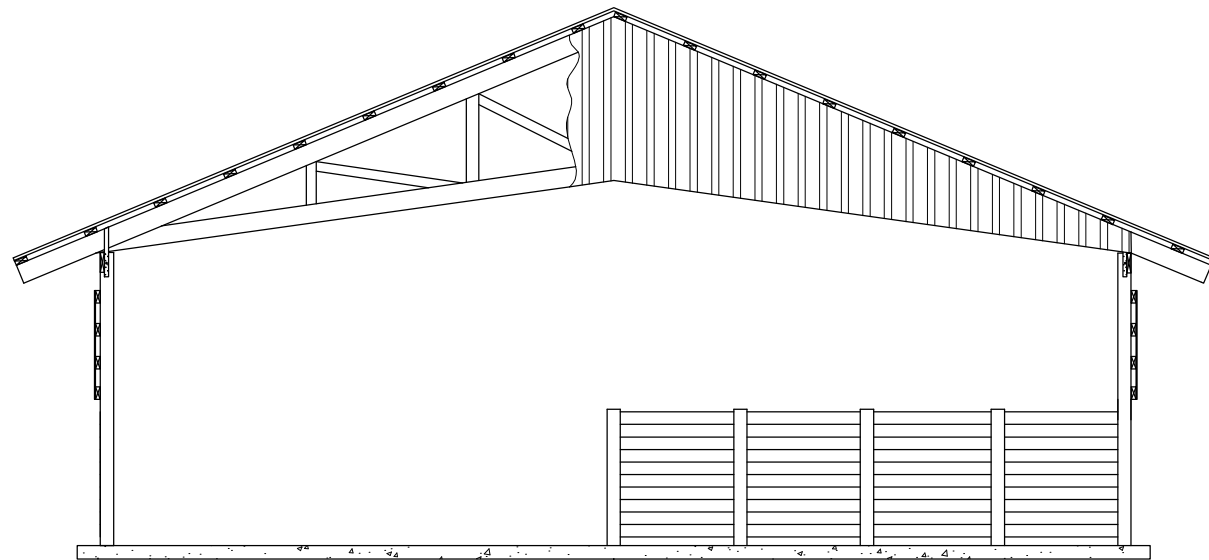


UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

GEORGIA STANDARD DRAWINGS - COMBINATION
STACK / COMPOST FACILITY WITH FOUR OR
MORE DEEP COMPOST BINS.

THE FOLLOWING DRAWINGS WERE PREPARED IN
ACCORDANCE WITH PRACTICE CODE 316 – ANIMAL
MORTALITY FACILITY AND GEORGIA BUILDING CODE
(INTERNATIONAL BUILDING CODE 2006). ANY CHANGES
TO THESE DRAWINGS MUST BE APPROVED BY AN
ENGINEER WITH JOB APPROVAL LEVEL IV OR GREATER.

THIS DESIGN IS NOT A STAND ALONE PRODUCT. THESE
DRAWINGS SHALL BE ATTACHED TO ONE OF THE
FOLLOWING GEORGIA POULTRY DRY STACK FACILITY
DRAWINGS: *ga-eng-313-ps1.pdf, ga-eng-313-ps2.pdf,
ga-eng-313-ps3.pdf, OR ga-eng-313-ps4.pdf.*



THE NATURAL RESOURCES CONSERVATION SERVICE
HELPING PEOPLE HELP THE LAND

COMPOST FACILITY
COUNTY, GEORGIA

PRE-CONSTRUCTION CERTIFICATION:

THE _____ COMPOSTING FACILITY HAS BEEN CONSTRUCTED
IN ACCORDANCE WITH THE FOLLOWING DRAWINGS AND PRACTICE CODE
316. ALL CHANGES HAVE BEEN APPROVED BY AN ENGINEER WITH JOB
APPROVAL AUTHORITY LEVEL IV OR GREATER. ALL ADDITIONS HAVE
BEEN APPROVED BY NRCS.

OWNER	DATE	NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
-------	------	------------------------	------	---------------------------	------

AS-BUILT CERTIFICATION:

THIS PRACTICE HAS BEEN CONSTRUCTED IN ACCORDANCE TO THESE
PLANS AND MEETS NRCS STANDARDS AND SPECIFICATIONS.

NRCS REPRESENTATIVE	DATE	ENGINEER (IF REQUIRED)	DATE
------------------------	------	---------------------------	------

COMPOSTING FACILITY:

JOB CLASS: _____

INDEX TO DRAWINGS:

SHEET 1 - COVER SHEET

SHEET 2 - PLAN VIEW
BIN WALL AND POST EMBEDMENT



REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER
06/11	J. HOLLOWAY	STATE ENGINEER
04/12	J. HOLLOWAY	STATE ENGINEER
07/13	D. ROBERTS	ACTING STATE ENGINEER

Designed	W. Brown	Date	10/07
Drawn	S. Rogers H. McFarland	Date	10/07
Checked	J. Holloway	Date	10/07
Approved	H. McFarland	Date	10/07

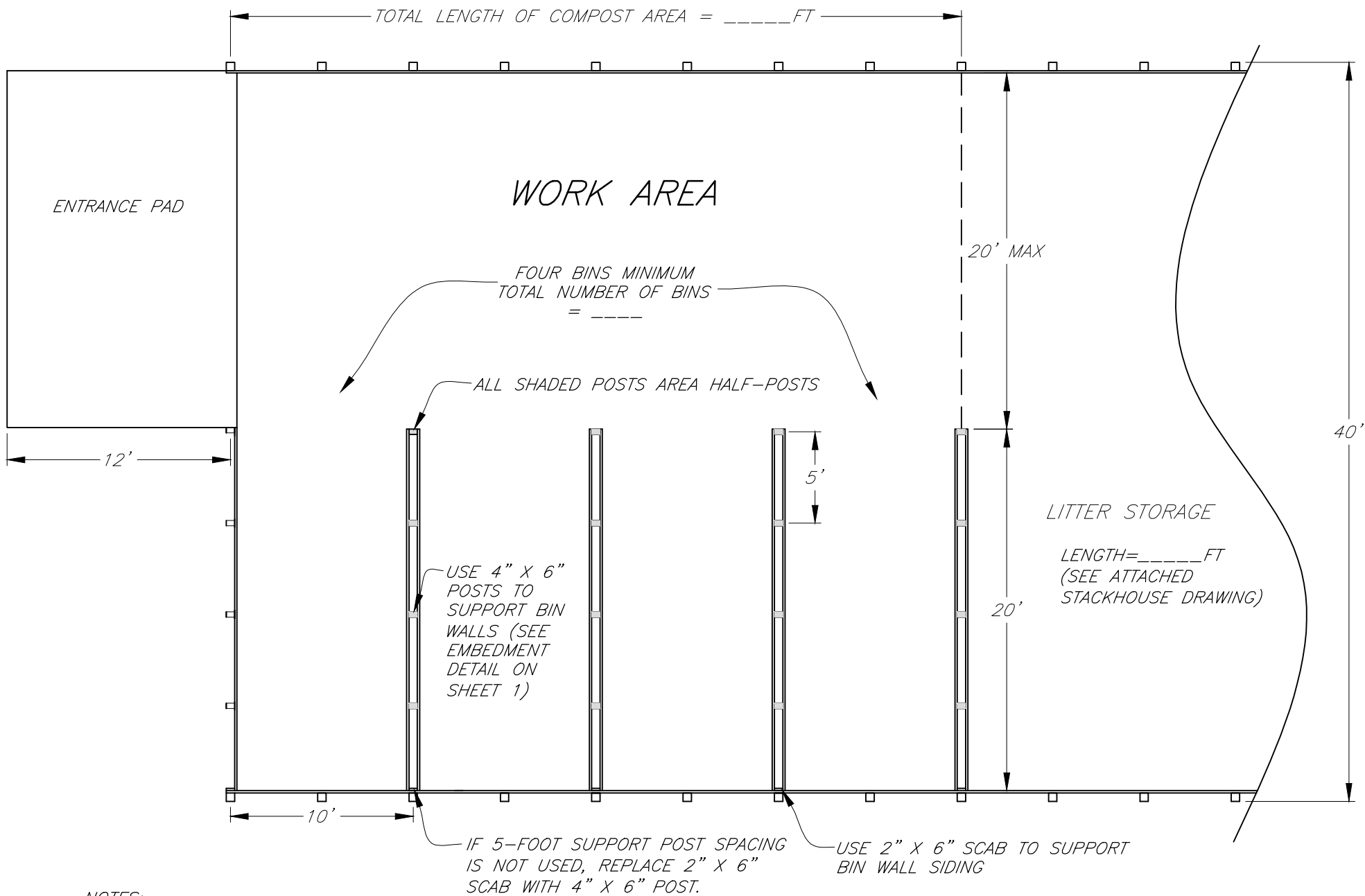
GEORGIA COMBINATION
STACK/COMPOST FACILITY
(4 OR GREATER DEEP COMPOST BINS)
County, GA



File No.
ga-eng-316-c7_rev 072013

Drawing No.
Cover

July 2013
Sheet 1 of 2



NOTES:

- ALL ENTRANCE PADS SHALL BE STABILIZED USING PRACTICE STANDARD 561 – HEAVY USE AREA.
- ALL POSTS SHALL BE SET IN CONCRETE WITH CONCRETE OR GRAVEL FOOTING PAD (SEE BIN WALL AND POST EMBEDMENT DETAIL ON THIS SHEET).
- ON SITE WATER SOURCE IS NECESSARY TO MAINTAIN MOISTURE CONTENT OF COMPOST.

PLAN VIEW

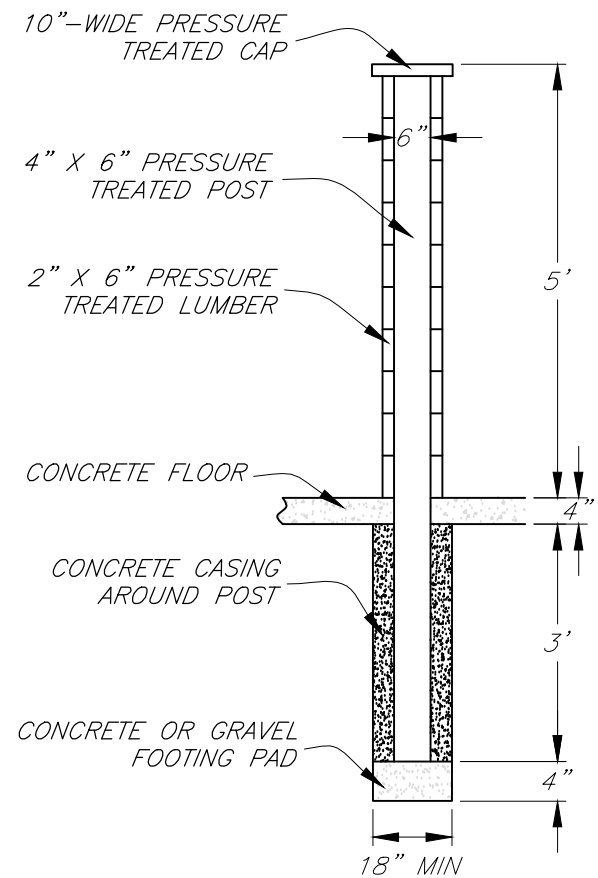
WOOD TREATMENT TABLE

MINIMUM RETENTION RATES IN PCF					
USE	CCA	ACQ-C/D	CBA-A	CA-B	MCA
GROUND CONTACT OR FRESH WATER	0.40	0.40	0.41	0.21	0.15
IMPORTANT STRUCTURAL MEMBERS	0.60	0.60	0.61	0.31	0.23

CCA - CHROMATED COPPER ARSENATE
ACQ-C/D - ALKALINE COPPER QUATERNARY
CBA-A & CA-B - COPPER AZOLE
MCA - MICRONIZED COPPER AZOLE

NOTES:

- ALL WOODEN WALLS, HALF POSTS, AND BIN FRONT WOOD SHALL MEET THE GROUND CONTACT RATES.
- ALL SUPPORT POSTS SHALL MEET THE IMPORTANT STRUCTURAL MEMBER RATES.



BIN WALL AND POST EMBEDMENT

CONCRETE QUANTITY: *

- (1) BIN WALL POST HOLES _____CY
- (2) ENTRANCE PAD _____SQFT

* REFER TO STACKHOUSE DRAWING FOR ALL OTHER CONCRETE QUANTITIES

REVISIONS		
DATE	APPROVED	TITLE
09/05	H. MCFARLAND	STATE ENGINEER
10/07	H. MCFARLAND	STATE ENGINEER
10/10	J. HOLLOWAY	STATE ENGINEER
07/13	D. ROBERTS	ACTING STATE ENGINEER

Georgia Combination
Stack/Compost Facility
(4 or Greater Deep Compost Bins)

NRCS

Natural Resources Conservation Service

United States Department of Agriculture

File No.

ga-eng-316-c7_rev 072013

Drawing No.

Plan

July 2013

Sheet 2 of 2

Designed

W. Brown

Drawn

S. Rogers

Checked

J. Holloway

Approved

H. McFarland

Date

10/07

10/07

10/07

10/07